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UNIVERSITY OF ILLINOIS
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WOMEN'S COLLEGE IN BROWN UNIVERSITY

* COURSES OF INSTRUCTION

1920-1921

*For descriptions and conditions see The Bulletin of Brown University, April, 1920-1921.

Courses marked by a † are given at the University; a limited number of undergraduate women who have high standing will be admitted to them. Applications must be made to the Dean.

ART

- 12. General History of Art. Dr. Shapley. Second semester. Mon., Wed., Fri., at 12.20.
- 14. Italian Renaissance Painting. Dr. Shapley. Second semester. Mon., Wed., Fri., at 11.20.
- 15*, 16*. Freehand Drawing. School of Design.
- 17*, 18*. Advanced Drawing. School of Design.
- 22†. Art Seminary. Dr. Shapley.

BIBLICAL LITERATURE AND HISTORY

- 1, 2†. Elementary Hebrew. Dr. Bratcher.
- 13, 14†. Acts and Pauline Epistles. Professor Fowler.
- 15, 16. Old Testament Literature and History. Professor Fowler.
Elective for Sophomores, Juniors and Seniors. Tu., Th., Sat., at 9.20.
- 21*, 22*†. Biblical Seminary.
- 27†. Origin and Growth of the Hebrew Religion. Dr. Bratcher.
- 28†. Social Teachings of the Prophets and Jesus. Dr. Bratcher.
- 30†. History of Religion or Philosophy 30. Professors Fowler and Jones.

BIOLOGY

- 1, 2. General Biology. Miss Ordway and Miss Haywood. Tu., Th., Sat., at 11.20.
- 3, 4. Comparative Anatomy of Vertebrates. Professor Walter. Tu., Th., Sat., at 11.20.
- 7, 8. Embryology and Histology. Professor Mead. Th., Fri., from 2 to 5.
- 9, 10†. Advanced Histology and Pathology. Professor Mead.
- 12†. General Physiology. Professor Mitchell.
- 13, 14†. Chemical Physiology. Professor Mitchell.
- 15†. Invertebrate Zoology.
- 16. Bacteriology. Professor Gorham. Second semester. Tu., Th., Sat., at 10.20.
- 17, 18†. Advanced Bacteriology. Professor Gorham.
- 27, 28†. Advanced Bacteriology. Professor Gorham.
- 37, 38†. Bacteriological Research. Professor Gorham.

BOTANY

- 1, 2. General Course. Dr. Dodge. Tu., Th., Sat., at 12.20.
- 5, 6†. Morphology. Dr. Snell.
- 18†. Taxonomy. Dr. Dodge.
- 10†. Trees. Dr. Snell.
- 13, 14†. Plant Pathology. Dr. Snell.
- 11, 12†. Physiology. Dr. Dodge.
- 7, 8†. Botanical Research. Dr. Dodge and Dr. Snell.
- 15, 16†. Field Botany.
- 21, 22†. Botanical Seminary.

CHEMISTRY

- 1, 2. Descriptive Chemistry. Professor Davison and Mr. Simons. Mon., Wed., Fri., at 12.20.
- 3, 4†. Qualitative and Quantitative Analysis. Professor Arnold and Mr. Russell.
- 5, 6†. Quantitative Analysis, Advanced Course. Professor Arnold and Mr. Russell.
- 7, 8†. Organic Chemistry. Professor Chambers.
- 12†. Organic Dyes.
- 17, 18†. Physical Chemistry, Advanced Course. Professor Arnold.
- 19, 20†. Organic Chemistry, Advanced Course. Professor Chambers.
- 21, 22†. Organic Preparations, Advanced Course. Professor Chambers.
- 23, 24†. Inorganic Preparations. Professor Davison.
- 32†. Industrial Analysis. Professor Arnold.

ECONOMICS

- 1, 2. Elementary Economics.* Tu., Th., Sat., 12.20.
- 3, 4†. Factory Management and Organization. Professor Hall.
- 5, 6†. Money and Banking. Professor Gardner.
- 7, 8. Labor Movement and Socialism. Mr. Sherman. Mon., Wed., Fri., 11.20.
- 11, 12†. Public Finance and Financial History of U.S. Professor Gardner.
- 13†. Statistics. Professors Gardner and Brown.
- 14†. Foreign Trade and Transportation. Professor Brown.
- 15†. Domestic Trade and Transportation. Professor Vaughan.
- 16†. Corporations and Corporation Finance. Professor Vaughan.
- 24†. Investments. Professor Brown.
- 17, 18†. Accounting (Elementary). Mr. Philbrick.
- 19, 20†. Accounting (Advanced). Mr. Philbrick.
- 25, 26†. Marketing. Professor Vaughan.

*Candidates for the A. B. or Ph. B. degree are required to take in the Sophomore or Junior year either Economics 1, 2 or Social-Political Science 1. Advanced courses in Economics must be preceded by Economics 1, 2. This rule applies to the class of 1923 and to subsequent classes.

EDUCATION

2. Principles of Education; 4. Methods of Teaching. Professor Jacobs. Mon., Wed., Fri., at 9.20.
3. Educational Psychology; 1. History of Education. Professor Jacobs. Mon., Wed., Fri., at 10.20.
- 21†. Administration of Education, National and State, including "Rhode Island Education." Professor Jacobs.
- 22†. Administration of Education: Local School Control. Professor Jacobs.
- 5, 6†. Secondary Education. Professor Jacobs.
- 11, 12†. Experimental Education. Professor Colvin.
- 15, 16†. Seminary in Education. Professor Jacobs.

ENGLISH

1. Rhetoric and Composition. Professor Hastings and Mr. Mason. First semester. 1st and 2nd divisions, Mon., Wed., Fri., at 9.20.
2. Rhetoric and Composition. Professor Hastings and Mr. Mason. Second semester. 1st division, Mon., Wed., Fri., at 9.20; 2nd division, Mon., Wed., Fri., at 10.20.
48. English Literature from the Beginning to 1700*. Professor Hastings. Second semester. Mon., Wed., Fri., at 9.20.

50. Introduction to the Study of Literature*. Professor Benedict. Mon., Wed., Fri., at 10.20.
49. English Literature from 1700 to 1900. Professor Huntington. First semester. Mon., Wed., Fri., at 9.20.
- 7, 8. Argumentative Composition. Professor Huntington. Tu., Th., Sat., at 11.20.
11. Public Speaking. Professor Crosby. First semester. Mon., Wed., Fri., at 10.20.
- 27, 28. Shakspeare. Professor Potter. Tu., Th., Sat., at 12.20.
35. English Literature from 1798 to 1832, Poetry. Professor Benedict. First semester. Mon., Wed., Fri., at 9.20.
36. English Literature from 1798 to 1832, Prose. Professor Benedict. Second semester. Mon., Wed., Fri., at 9.20.
- 39, 40. American Literature. Professor Bronson. Tu., Th., Sat., at 10.20.
- 43, 44†. Seminary in English. Professor Benedict.

*Freshmen are required to take either 48 or 50. Those who have had a high school course in the history of English Literature, with reading in the principal authors, are advised to take 50; others are advised to take 48.

GEOLOGY

- 2†. Elementary Historical Geology. Professor Field.
- 4†. Advanced Structural and Dynamical Geology. Professors Brown and Field.
- 9, 10†. Mineralogy and Petrography. Professors Brown and Field.
- 11, 12†. Research in Geology and Geography. Professors Brown and Field.
- 17, 18†. Paleontology. Professor Field.

GERMANIC LANGUAGES AND LITERATURES

- 1, 2. Elementary German, First Year. Mr. Miller. Mon., Wed., Fri., at 12.20.
- 5, 6. Intermediate German. Tu., Th., Sat., at 9.20.
- 7, 8. Advanced German. Professor ————. Mon., Wed., Fri., at 12.20.
- 13, 14. The German Short Story. Professor Mitchell. Mon., Wed., Fri., at 11.20.
- 23, 24. Goethe. Professor Crowell. Mon., Wed., Fri., at 9.20.

GREEK LITERATURE AND HISTORY

- A, B. Beginner's Course: Greek Grammar, Xenophon, and Homer. Professor Smith. Mon., Wed., Fri., at 10.20.
1. Homer and other Greek Poetry exclusive of the Drama. Professor Smith. First semester. Tu., Th., Sat., at 9.20.

2. Plato and Lysias. Professor Allinson. Second semester. Tu., Th., Sat., at 9.20.
3. Lucian and the Dramatic Poets. Professor Allinson. First semester. Tu., Th., Sat., at 11.20.
4. The Historians. Professor Smith. Second semester. Tu., Th., Sat., at 11.20.
7. Plato and the Lyric Poets of the Fifth Century. Professor Allinson. First semester. Mon., Wed., Fri., at 9.20.
8. Aristotle. Professor Smith. Second semester. Mon., Wed., Fri., at 9.20.
15. Greek Civilization. Professor Allinson. Second semester. Tu., Th., Sat., at 12.20.
- 17, 18†. Greek Seminary. Professor Smith.

HISTORY

- 1, 2. History of Medieval and Modern Europe. 814-1919*. Professor Collier. Mon., Wed., Fri., at 11.20.
9. Modern European History. 1815-1871. Professor Collier. First semester. Tu., Th., Sat., at 9.20.
10. Modern European History. 1871-1919. Professor Collier. Second semester. Tu., Th., Sat., at 9.20.
- 13, 14†. European History, Seminary. Professor Collier.
- 21, 22. The United States under the Constitution*. Professor Sioussat. Mon., Wed., Fri., at 11.20.
- 25, 26†. Seminary in American History. Professor Sioussat.

*Candidates for the A. B. or Ph. B. degree who have presented for admission Medieval and Modern European History, or English History, but not American History, must take 21, 22. Other students must take 1, 2.

MATHEMATICS

- 61, 62. Elementary Analysis. First year. Professors Richardson, Currier and Gilman, Dr. Borden. Tu., Th., Sat., at 10.20.
1. Solid and Spherical Geometry. Dr. Borden. Second semester. Tu., Th., Sat., at 10.20.
3. Algebra. Professor Archibald. First semester. Tu., Th., Sat., at 10.20.
- 65, 66. Elementary Analysis. Second year. Professors Richardson and Archibald. Tu., Th., Sat., at 9.20.
- 7, 8. Analytic Geometry and Differential and Integral Calculus. Professor Burgess. Hours to be arranged.
- 27, 28†. Projective Geometry. Professor Archibald.
- 29, 30†. Introduction to Analysis. Professors Richardson and Gilman.

- 41, 42†. Fundamental Problems of Algebra. Professor Richardson and Dr. Borden.
 53†. Mathematical Theory of Investment. Professor Currier.
 54†. Mathematical Theory of Statistics. Professor Burgess.

MUSIC

3. The Symphony. First semester; 4. The Opera. Second semester. Mr. Wilde. Mon., Wed., Fri., at 11.20.

PHILOSOPHY

- 1, 2. Introduction to Philosophy. Professor Jones. Mon., Wed., Fri., at 11.20.
 3, 34. Psychology. Professor Delabarre. Tu., Th., Sat., at 9.20.
 9. Philosophy of Religion; 4. Ethics. Mr. Harris. Tu., Th., Sat., at 11.20.
 5, 6†. Psychology, Intermediate Course. Professor Delabarre.
 10†. Applications of Psychology. Professor Delabarre.
 11, 12†. Experimental Psychology, Introductory Laboratory Course. Professor Delabarre.
 14, 15†. Contemporary Philosophy. Professor Jones.
 17, 18†. Psychology, Advanced Course. Professor Delabarre.
 19, 20†. Experimental Psychology, Advanced Laboratory Course. Professor Delabarre.
 21, 22†. Advanced Ethics. Seminary Course. Professor Everett.
 30†. History of Religion or Biblical Literature 30. Professors Fowler and Jones.

PHYSICS

- 1, 2. Elementary Physics. Professor Palmer. Mon., Wed., Fri., at 11.20.
 3, 4†. Intermediate Course. Professor Barus.
 5, 6†. Experimental Physics. Professor Palmer.
 11, 12†. Advanced Laboratory Course. Professors Barus and Palmer.
 15, 16†. Physics, Advanced Course. Professor Barus.
 23, 24†. Precision Measurements in Photometry, Electricity, and Magnetism. Professor Palmer.

ROMAN LITERATURE AND HISTORY

1. Cicero's De Senectute, De Amicitia; Terence's Phormio; 2. Selections from Horace. Professor Greene. Mon., Th., Fri., at 2.
 3. Catullus and Virgil's Eclogues. Professor King. First semester. Mon., Wed., Fri., at 10.20.

4. Plautus' Captivi, Trinummus, Rudens. Professor Greene. Second semester. Mon., Wed., Fri., at 10.20.
- 5, 6. Latin Poetry. Professor Harkness. Mon., Wed., Fri., at 10.20.
- 11, 12. Latin Composition. Professor Greene. Hour to be arranged.
16. Roman Civilization. Professor Greene. First semester. Tu., Th. Sat., at 12.20.

ROMANCE LANGUAGES AND LITERATURES

- 1, 2. Elementary French. First Year. Mon., Wed., Fri., at 12.20.
- 5, 6. Intermediate French. Mon., Wed., Fri., at 11.20.
- 7, 8. Advanced French. Messrs. Massey and Rand. 1st division, Tu., Th., Sat., at 9.20. 2nd division, Tu., Th., Sat., at 12.20.
- 9, 10. The Realistic School. Professor Hunkins. Tu., Th., Sat., at 10.20.
- 23, 24. Practice in Writing and Speaking French. Mr. Massey. Mon., Wed., Fri., at 10.20.
- 1, 2. Elementary Italian. Professor Langdon. Tu., Th., Sat., at 9.20.
- 1, 2. Elementary Spanish, First Year. Mon., Wed., Fri., at 12.20.
- 3, 4. Elementary Spanish. Second Year. Professor Johnson. Tu., Th., Sat., at 12.20.
- 5, 6. Intermediate Spanish. Professor Johnson. Mon., Wed., Fri., at 12.20.
- 7, 8†. Spanish Literature of the Golden Age. Professor Johnson.

SOCIAL AND POLITICAL SCIENCE

SOCIAL SCIENCE*

1. Social Science. Professor Dealey. First semester. 1. Political Science. Professor Dunning. Second semester. Tu., Th., Sat., at 12.20.
- 2, 3. Modern Social Problems. Professor Bucklin. Tu., Th., Sat., at 11.20.
- 5†. Social Institutions. Mr. Kulp.
- 9, 10†. The Social Survey. Professor Bucklin.
- 15†. Sociology. Professor Dealey. First semester; 16†. Social Psychology. Mr. Kulp. Second semester.

POLITICAL SCIENCE*

1. See Social Science.
3. Government and Politics of the United States. Professor Dunning. First semester. Tu. Th., Sat., at 11.20. This course may be followed by Social Science 3.

*Candidates for the A. B. or Ph. B degree are required to take in the Sophomore or Junior year either Economics 1, 2 or Social-Political Science 1. Advanced courses in Social Science must be preceded by Social Science 1. Advanced courses in Political Science must be preceded by Political Science 1.

HYGIENE AND PHYSICAL EDUCATION

Nellie E. Bussell, A. B., *Director of Hygiene and Physical Education.*

Marjorie Brown, *Assistant in Hygiene and Physical Education.*

1. Freshman Course. In the fall and spring, sports. From Thanksgiving to the spring recess, practice in gymnastics, games and folk dances, and conferences in practical hygiene. Miss Brown. Three hours. Through the year. Required of all Freshmen. 1st division, Mon., Tu., Fri., at 3.; 2nd division, Mon., Tu., Fri., at 4.
2. Sophomore Course. Similar to the Freshman course, but more advanced. Miss Bussell and Miss Brown. Three hours. Through the year. Required of all Sophomores. 1st division, Mon., Wed., Fri., at 12.20; 2nd division, Mon., Th., Fri., at 2.
3. Junior and Senior Course. Similar to the Sophomore course, but more advanced. Miss Bussell. Three hours. Through the year. Required of all Juniors and Seniors. Tu. at 12.20 or at 2, and two other hours at the convenience of the student. Juniors must choose course 6 or 7 for one of these two hours.
4. Remedial Course. Special exercises for students in need of corrective gymnastics. May be substituted for course 1, 2 or 3. Miss Bussell and Miss Brown. Three hours. Through the year. Tu. at 2, and two other hours at the convenience of the student.
5. Play Course. Plays, games and folk-dances suitable for elementary schools, playgrounds, and social settlements. Miss Bussell. One hour. From Thanksgiving to the spring recess. Elective for Seniors and Juniors.
6. Dancing. Esthetic and interpretative technique and dances. Miss Bussell. One hour. Through the year. Elective for Seniors and Juniors. Th. at 12.20 or at 3.
7. Advanced Gymnastics. Advanced practice in gymnastics and sports. Miss Brown. One hour. Through the year. Elective for Seniors and Juniors. Sat. at 12.20.

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THE WOMEN'S COLLEGE IN BROWN UNIVERSITY

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* COURSES OF INSTRUCTION

1921-1922

*For descriptions and conditions see The Bulletin of Brown University, April, 1921-1922.

Courses marked by a † are given at the University; a limited number of undergraduate women who have high standing will be admitted to them. Applications must be made to the Dean.

ART

- 1, 2. General History of Art. Professor Shapley. Mon., Wed., Fri., at 12.25.
- 15*, 16*. Freehand Drawing. School of Design.
- 17*, 18*. Advanced Drawing. School of Design.
- 21, 22†. Art Seminary. Professor Shapley.
- 23, 24†. Journal Club. Professor Shapley.

ASTRONOMY

- 1, 2. Descriptive Astronomy. Professor Currier. Tu., Th., Sat., at 11.25.

BIBLICAL LITERATURE AND HISTORY

- 1, 2†. Elementary Hebrew. Mr. Sellen.
- 11, 12†. Gospels and Epistles. Mr. Sellen.
- 17, 18. New Testament Literature and History. Professor Bratcher. Elective for Sophomores, Juniors and Seniors. Tu., Th., Sat., at 9.25.
- 21*, 22*†. Biblical Seminary. Subjects for 1921-22: First semester: Jewish Social Institutions and Principles at the beginning of the Christian era. Second semester: Social Institutions and Principles of primitive Christianity. Professor Bratcher.
- 27†. Origin and Growth of the Hebrew Religion. Professor Bratcher.
- 28†. Social Teachings of the Prophets and Jesus. Professor Bratcher.
- 30†. History of Religion or Philosophy 30. Mr. Sellen.

BIOLOGY

- 1, 2. General Biology. Miss Ordway and Miss Bowen. Tu., Th., Sat., at 11.25.
- 3, 4. Comparative Anatomy of Vertebrates. Mr. Wilson. Tu., Th., Sat., at 11.25.
- 7, 8. Embryology and Histology. Professor Mead. Th., Fri., from 2 to 5.
- 5, 6†. Neurology. Professor Mead.
- 12†. General Physiology. Professor Mitchell.
- 13, 14†. Chemical Physiology. Professor Mitchell.
- 16. Bacteriology. Professor Gorham. Second semester. Tu., Th., Sat., at 10.25.
- 17, 18†. Advanced Bacteriology. Professor Gorham.
- 27, 28†. Advanced Bacteriology. Professor Gorham.
- 37, 38†. Bacteriological Research. Professor Gorham.

BOTANY

- 5, 6†. Morphology. Dr. Snell.
- 18†. Taxonomy. Dr. Dodge.
- 10†. Trees. Dr. Snell.
- 11, 12†. Physiology. Dr. Dodge.
- 7, 8†. Botanical Research. Dr. Dodge and Dr. Snell.
- 15, 16†. Field Botany.
- 21, 22†. Botanical Seminary.

CHEMISTRY

- 1, 2. Descriptive Chemistry. Professor Davison and Mr. Simons. Mon., Wed., Fri., at 12.25.
- 3, 4†. Qualitative and Quantitative Analysis. Professor Arnold and Mr. Russell.
- 5, 6†. Quantitative Analysis, Advanced Course. Professor Arnold and Mr. Russell.
- 7, 8†. Organic Chemistry. Professor Chambers.
- 12†. Organic Dyes.
- 17, 18†. Physical Chemistry, Advanced Course. Professor Arnold.
- 19, 20†. Organic Chemistry, Advanced Course. Professor Chambers.
- 21, 22†. Organic Preparations, Advanced Course. Professor Chambers.
- 23, 24†. Inorganic Preparations. Professor Davison.
- 32†. Industrial Analysis. Professor Arnold.

ECONOMICS

- 1, 2. Elementary Economics.* Tu., Th., Sat., 12.25.
- 3, 4†. Industrial Management. Professor Hall and Mr. Bancroft.
- 5, 6†. Money and Banking. Professor Gardner.
- 7†. Problems of Labor and Industry. Mr. Sherman. First semester.
- 8†. Socialism and Allied Movements. Mr. Sherman. Second semester.
- 11, 12†. Public Finance and Financial History. Professor Gardner.
- 13†. Statistics.

- 14†. Foreign Trade and Transportation.
- 15†. Trade and Transportation in the United States. Professor Vaughan.
- 16†. Corporations and Corporation Finance. Professor Vaughan.
- 17, 18†. Accounting (Elementary). Mr. Philbrick.
- 19, 20†. Accounting (Advanced). Mr. Philbrick.
- 24†. Investments.
- 25, 26†. Marketing. Professor Vaughan.

*Candidates for the A.B. or Ph.B. degree are required to take in the Sophomore or Junior year either Economics 1, 2 or Social-Political Science 1. Advanced courses in Economics must be preceded by Economics 1, 2. This rule applies to the class of 1923 and to subsequent classes.

EDUCATION

- 2. Principles of Education; 4. Methods of Teaching. Professor Jacobs.
Mon., Wed., Fri., at 9.25.
- 3. Educational Psychology; 1. History of Education. Mr. Ekstrom.
Mon., Wed., Fri., at 10.25.
- 21†. Administration of Education, National and State, including "Rhode Island Education." Professor Jacobs.
- 22†. Administration of Education: Local School Control. Professor Jacobs.
- 5, 6†. Secondary Education. Professor Jacobs.
- 11, 12†. Experimental Education. Professor Colvin.
- 15, 16†. Seminary in Education. Professor Jacobs.
- 19, 20†. Experimental Education, Research Course. Professor Colvin.

ENGLISH

- 1. Rhetoric and Composition. Professor Hastings, Messrs. Mason and Clough. First semester. 1st and 2nd divisions, Mon., Wed., Fri., at 9.25. 3rd division, Tu., Th., Sat., at 9.25.
- 2. Rhetoric and Composition. Professor Hastings, Messrs. Mason and Clough. Second semester. 1st and 2nd divisions, Mon., Wed., Fri., at 9.25. 3rd division, Tu., Th., Sat., at 9.25.
- 48. English Literature from the Beginning to 1700*. Professor Huntington. Second semester. Tu., Th., Sat., at 9.25.
- 50. Introduction to the Study of Literature*. Professor Benedict. Second semester. Mon., Wed., Fri., at 9.25.
- 49. English Literature from 1700 to 1900. Professor Hastings. First semester. Mon., Wed., Fri., at 9.25.
- 5, 6. English Composition. Advanced Course. Professor Benedict. Hours to be arranged.
- 11, 12. Public Speaking. Professor Crosby. Mon., Wed., Fri., at 10.25.
- 25, 26. Shakspeare. Professor Hastings. Tu., Th., Sat., at 11.25.
- 37†. English Literature from 1832 to 1892. Prose. Professor Huntington. First semester. Tu., Th., Sat., at 12.25.
- 38. English Literature from 1832 to 1892. Poetry. Professor Huntington. Second semester. Tu., Th., Sat., at 12.25.
- 33, 34. The English Novel. Professor Potter. Mon., Wed., Fri., at 10.25.

**15, 16†. Old English. Professor Potter.

29†. Spenser and Bacon. Professor Bronson. First semester.

30†. Milton. Professor Bronson. Second semester.

*Freshmen are required to take either 48 or 50. Those who have had a high-school course in the history of English Literature, with reading in the principal authors, are advised to take 50; others are advised to take 48.

‡ May be taken instead of 49, in fulfilment of the requirement in English Literature.

**17, 18 (Chaucer) may be given in place of 15, 16, if desired by a sufficient number of students.

GEOLOGY

1. Elementary Physical Geography. Professor Field. First semester. Mon., Wed., Fri., at 11.25.

2. Elementary Historical Geology. Professor Field. Second semester. Mon., Wed., Fri., at 11.25.

11, 12†. Research in Geology and Geography. Professor Field.

17, 18†. Paleontology. Professor Field.

GERMANIC LANGUAGES AND LITERATURES

1, 2. Elementary German, First Year. Mon., Wed., Fri., at 12.25.

1A, 2A†. Elementary German. First year. Oral Practice. Professor Metzenthin.

3, 4†. Elementary German. Second year. Professor Metzenthin.

5, 6. Intermediate German. Tu., Th., Sat., at 9.25.

7, 8. Advanced German. Professor Mitchell. Mon., Wed., Fri., at 12.25.

9, 10†. Modern Germany: Advanced Composition. Professor Metzenthin.

15, 16†. The German Drama of the Nineteenth Century. Professor Mitchell.

19, 20†. Introduction to Scientific Prose. Professor Metzenthin.

25, 26. German Literature: Outline of the Classical Period. Professor Metzenthin. Mon., Wed., Fri., at 9.25.

GREEK LITERATURE AND HISTORY

A, B. Beginner's Course: Greek Grammar, Xenophon, and Homer. Professor Smith. Mon., Wed., Fri., at 10.25.

1. Homer and other Greek Poetry exclusive of the Drama. Professor Smith. First semester. Tu., Th., Sat., at 9.25.

2. Plato and Lysias. Professor Allinson. Second semester. Tu., Th., Sat., at 9.25.

3. Lucian and the Dramatic Poets. Professor Allinson. First semester. Tu., Th., Sat., at 11.25.

4. The Historians. Professor Smith. Second semester. Tu., Th., Sat., at 11.25.

5. The Drama. Professor Allinson. First semester. Mon., Wed., Fri., at 9.25.

6. Oratory. Professor Smith. Second semester. Mon., Wed., Fri., at 9.25.
12. Greek Composition. Second semester. One hour. Professor Allinson. Hour to be arranged.
15. Greek Civilization. Professor Allinson. Second semester. Tu., Th., Sat., at 12.25.
- 17, 18†. Greek Seminary. Professors Allinson and Smith.

HISTORY

- 1, 2. History of Medieval and Modern Europe. 814-1919*. Professor Collier. Mon., Wed., Fri., at 11.25.
5. The French Revolution and the Napoleonic Era. Professor Collier. First semester. Tu., Th., Sat., at 9.25.
16. History of the Far East in its Contact with Europe and America. Professor Collier. Second semester. Tu., Th., Sat., at 9.25.
- 11, 12†. European History Seminary. Subject: Historical Roots of the Russian Revolution. Admission only upon approval of the instructor. Professor Collier. Fri., 4 to 6.
- 21, 22. The United States under the Constitution*. Professor Crane. Mon., Wed., Fri., at 11.25.
- 31, 32†. Seminary in American History. Admission only upon approval of the instructor. Professor Crane.

*Candidates for the A.B. or Ph.B. degree who have presented for admission Medieval and Modern European History, or English History, but not American History, must take 21, 22. Other students must take 1, 2.

MATHEMATICS*

- A. Elementary Algebra II. Miss Merriam. First semester. Tu., Th., Sat., at 10.25.
- 61, 62. Elementary Analysis. First year. Professors Richardson and Archibald, Mr. Wentworth. Tu., Th., Sat., at 10.25.
1. Solid and Spherical Geometry. Dr. Borden. Second semester. Tu., Th., Sat., at 10.25.
3. Algebra. Professor Gilman. First semester. Mon., Wed., Fri., at 10.25.
- 65, 66. Elementary Analysis. Second year. Professors Richardson and Gilman. Tu., Th., Sat., at 9.25.
- 7, 8. Analytic Geometry and Differential and Integral Calculus. Professor Burgess. Hours to be arranged.
- 21, 22†. Function Theory of a Complex Variable. Dr. Borden.
- 25, 26†. Advanced Algebra. Professors Richardson and Gilman.
- 43, 44†. Foundations, Methods and Problems of Geometry. Professors Richardson and Archibald.
- 53†. Mathematical Theory of Investment. Professor Currier. First semester.
- 54†. Mathematical Theory of Statistics. Professor Burgess. Second semester.

*Candidates presenting for admission Elementary Algebra I only, should take A and 1; those presenting also Elementary Algebra II, should take 61, 62; those presenting, in addition, Trigonometry, should take 3, 62.

MUSIC

- 5, 6. Harmony and Elementary Composition. Mr. Ware. Tu., Th., Sat., at 11.25.
- 3, 4. History and Appreciation of Music. Mr. Ware. Mon., Wed., Fri., at 11.25.

PHILOSOPHY

- 1, 2. Introduction to Philosophy. Professor Jones. Mon., Wed., Fri., at 11.25.
- 3, 34. Psychology. Professor Delabarre. Tu., Th., Sat., at 10.25.
9. Philosophy of Religion. Mr. Harris. First semester. Mon., Wed., Fri., at 10.25.
4. Ethics. Professor ————. Second semester. Mon. Wed., Fri., at 10.25.
- 5, 6†. Psychology, Intermediate Course. Professor Delabarre.
- 10†. Applications of Psychology. Professor Delabarre.
- 11, 12†. Experimental Psychology, Introductory Laboratory Course. Professor Delabarre.
- 7, 8†. History of Philosophy. Professor Jones.
- 17, 18†. Psychology, Advanced Course. Professor Delabarre.
- 19, 20†. Experimental Psychology, Advanced Laboratory Course. Professor Delabarre.
- 21, 22†. Seminary in Philosophy. Professors Jones and ————.
- 30†. History of Religion or Biblical Literature 30. Mr. Sellen.

PHYSICS*

- 27, 28. Elementary Course. Mon., Wed., Fri., at 10.25.
- 29, 30†. Elementary Laboratory Course.
- 1, 2†. General Physics. Professor Palmer.
- 3, 4†. Intermediate Course. Professor Barus.
- 5, 6†. Experimental Physics. Professor Palmer.
- 11, 12†. Advanced Laboratory Course. Professors Barus and Palmer.
- 15, 16†. Physics, Advanced Course. Professor Barus.
- 23, 24†. Precision Measurements in Photometry, Electricity, and Magnetism. Professor Palmer.

*Students who intend to enter a Medical School should elect either 27, 28 and 29, 30 or 1, 2.

ROMAN LITERATURE AND HISTORY

1. Cicero's De Senectute, De Amicitia; Terence's Phormio; 2. Selections from Horace. Professor Greene. Mon., Th., Fri., at 2.
3. Catullus and Virgil's Eclogues. Professor King. First semester. Mon., Wed., Fri., at 10.25.
4. Plautus' Captivi, Trinummus, Rudens. Professor Greene. Second semester. Mon., Wed., Fri., at 10.25.
- 5, 6. Latin Poetry. Professor Harkness. Mon., Wed., Fri., at 10.25.
- 11, 12. Latin Composition. Professor Greene. Hours to be arranged.
16. Roman Civilization. Professor Greene. First semester. Tu., Th., Sat., at 12.25.

ROMANCE LANGUAGES AND LITERATURES

- 1, 2. Elementary French. First Year. Mon., Wed., Fri., at 12.25.
- 3, 4. Elementary French. Second year. Mon., Wed., Fri., at 11.25.
- 5, 6. Intermediate French. Dr. Rand. Mon., Wed., Fri., at 11.25.
- 7, 8. Advanced French. Professor Massey and Dr. Rand. 1st division, Tu., Th., Sat., at 9.25. 2nd division, Tu., Th., Sat., at 12.25.
- 11, 12. The Romantic School. Professor Hunkins. Tu., Th., Sat., at 10.25.
- 23, 24. Practice in Writing and Speaking French. Professor Massey. Mon., Wed., Fri., at 10.25.
- 1, 2. Elementary Italian. Tu., Th., Sat., at 9.25.
- 1, 2. Elementary Spanish, First Year. Professor Johnson. Mon., Wed., Fri., at 12.25.
- 3, 4. Elementary Spanish. Second Year. Professor Johnson. Tu., Th., Sat., at 12.25.
- 5, 6†. Intermediate Spanish. Professor Johnson.
- 7, 8†. Advanced Spanish. Professor Johnson.

SOCIAL AND POLITICAL SCIENCE

SOCIAL SCIENCE*

1. Social Science. Professor Dealey. First semester. Tu., Th., Sat., at 12.25.
- 2, 3. Modern Social Problems. Professor Bucklin. Tu., Th., Sat., at 11.25.
- 5†. Social Institutions. Professor Bucklin.
- 10†. The Social Survey. Professor Bucklin. First semester.
- 7†. Sociology and Education. Professor Bucklin. Second semester.
- 13, 14†. Social Research, Investigation, and Field Work. Professor Bucklin.
- 15†. Sociology. Professor Dealey. First semester. 16†. Social Psychology. Professor Dealey. Second semester.

POLITICAL SCIENCE*

1. Political Science. Professor Dealey. Second semester. Tu., Th., Sat., at 12.25.
3. Government and Politics of the United States. Professor Dunning. First semester. Tu., Th., Sat., at 11.25.
6. International Law. Professor Dunning. Second semester. Tu., Th., Sat., at 11.25.
- 16†. American Policies. First semester. Professor Dealey.
- 10†. Political Theories. Second semester. Professor Dealey.

*Candidates for the A.B. or Ph.B. degree are required to take in the Sophomore or Junior year either Economics 1, 2 or Social-Political Science

1. Advanced courses in Social Science must be preceded by Social Science
1. Advanced courses in Political Science must be preceded by Political Science 1.

HYGIENE AND PHYSICAL EDUCATION

Nellie E. Bussell, A.B., *Director of Hygiene and Physical Education.*
Marjorie Brown, *Assistant in Hygiene and Physical Education.*

1. Freshman Course. In the fall and spring, sports. From Thanksgiving to the spring recess, practice in gymnastics, games and folk dances, and conferences in practical hygiene. Miss Brown. Three hours. Through the year. Required of all Freshmen. 1st division, Mon., Th., Fri., at 3; 2nd division, Mon., Tu., Fri., at 4.
2. Sophomore Course. Similar to the Freshman course, but more advanced. Miss Bussell and Miss Brown. Three hours. Through the year. Required of all Sophomores. 1st division, Mon., Wed., Fri., at 12.25; 2nd division, Mon., Th., Fri., at 2.
3. Junior Course. Similar to Courses 1 and 2. Miss Bussell and Miss Brown. Three hours. Through the year. Required of all Juniors. Tu., at 12.25 or at 3, and two other hours at the convenience of the student. Juniors must choose course 6, 7, 8 or 9 for one of these hours.
4. Senior Course. Similar to Courses 1 and 2. Miss Bussell. Three hours. Through the year. Required of all Seniors. Tu., at 2, and two other hours at the convenience of the student.
5. Remedial Course. Special exercises for students in need of corrective gymnastics. May be substituted for course 1, 2, 3 or 4. Miss Brown. Hours to be arranged with the instructor.
6. Play Course. Plays, games and folk-dances suitable for elementary schools, playgrounds, and social settlements. Miss Bussell. One hour. From Thanksgiving to the spring recess. Elective for Seniors and Juniors. Wed. at 11.25.
7. Dancing. Esthetic and interpretative technique and dances. Miss Bussell. One hour. Through the year. Elective for Seniors and Juniors. Th. at 12.25 or at 4.
8. Advanced Gymnastics. Advanced practice in gymnastics and sports. Miss Brown. One hour. Through the year. Elective for Seniors and Juniors. Sat. at 9.25.
9. Folk and clog dancing. Miss Bussell. One hour. Through the year. Elective for Seniors and Juniors. Sat. at 11.25.

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BULLETIN
OF
THE WOMEN'S COLLEGE
IN
BROWN UNIVERSITY
ANNOUNCEMENT OF COURSES
1922-1923



PROVIDENCE, RHODE ISLAND

THE UNIVERSITY CALENDAR 1922-1923

1922

- SEPTEMBER 6. *Wednesday.* Annual Meeting of the Corporation (first Wednesday in September).
- SEPTEMBER 19-25. *Tuesday to Monday, inclusive.* Examinations for admission to the Freshman class and to advanced standing.
- SEPTEMBER 25, 26. *Monday and Tuesday.* Registration of new students and enrolment of students previously in residence.
- SEPTEMBER 27. *Wednesday, 9 a. m.* ACADEMIC YEAR BEGINS (fourth Wednesday in September).
- SEPTEMBER 28. *Thursday.* Registration and enrolment of Graduate students at the Registrar's office.
- OCTOBER 11. *Wednesday.* Examination in Greek for the President's Premiums, 2 Sayles Hall, 2.30 p. m.
- OCTOBER 18. *Wednesday.* Examination in Latin for the President's Premiums, 1 Sayles Hall, 2.30 p. m.
- OCTOBER 25. *Wednesday.* Examination in Mathematics for the Hartshorn Premiums, 26 Wilson Hall, 2 p. m. Meeting of the Corporation.
- NOVEMBER 1. *Wednesday.* Examination in French for the Hicks Premiums, 1 Sayles Hall, 2.30 p. m.
- NOVEMBER 8. *Wednesday.* Examination in German for the Caesar Misch Premiums, 5 Sayles Hall, 2.30 p. m.
- NOVEMBER 30. *Thursday.* Thanksgiving Day. No University exercises.
- DECEMBER 8. *Friday.* Last day for receiving essays submitted in competition for the Class of 1880 Prizes.
- DECEMBER 12. *Tuesday.* Preliminary discussion for the Class of 1880 Prizes.
- DECEMBER 19. *Tuesday.* Public discussion for the Class of 1880 Prizes.
- DECEMBER 22. *Friday.* CHRISTMAS RECESS BEGINS.

1923

- JANUARY 2. *Tuesday.* CHRISTMAS RECESS ENDS.
- JANUARY 3. *Wednesday, 8 a. m.* Recitations begin.
- JANUARY 6. *Saturday.* Last day for receiving essays in competition for the Gaston Prize Medal.
- JANUARY 13. *Saturday.* Last day for receiving essays submitted in competition for the Bennett Prize.
- JANUARY 15. *Monday.* Last day for receiving applications for examinations to remove entrance conditions.

JANUARY 20.	<i>Saturday.</i> Last day for applications of competitors for the Carpenter Prizes in Elocution.
JAN. 23 to FEB. 2.	<i>Wednesday to Friday, inclusive.</i> Semester examinations.
JAN. 30 to FEB. 5.	<i>Tuesday to Monday.</i> Mid-year examinations for admission to the Freshman class.
FEBRUARY 3-6.	<i>Saturday to Tuesday, inclusive.</i> MID-YEAR RECESS.
FEBRUARY 5, 6.	<i>Monday and Tuesday.</i> Enrolment of Undergraduate students and candidates for admission to the Freshman class.
FEBRUARY 7.	<i>Wednesday, 8 a.m.</i> SECOND SEMESTER BEGINS. Enrolment of Graduate students at the Registrar's office.
FEBRUARY 15.	<i>Thursday.</i> Last day for applications of competitors for the Bishop McVickar Prizes.
FEBRUARY 20.	<i>Tuesday.</i> Gaston Prize Medal Competition.
MARCH 1.	<i>Thursday.</i> Last day for applications of competitors for the Society of Colonial Dames Prize.
APRIL 2.	<i>Monday.</i> Last day for receiving applications for examination for the degree of Doctor of Philosophy.
MAR. 30 to APR. 5.	<i>Friday to Thursday, inclusive.</i> SPRING RECESS.
APRIL 6.	<i>Friday, 8 a.m.</i> Recitations begin.
APRIL 16.	<i>Monday.</i> Last day for receiving applications for the Grand Army of the Republic Fellowship. Last day for receiving theses of candidates for the degree of Doctor of Philosophy. Last day for receiving essays submitted in competition for the Bishop McVickar Prizes.
APRIL 24.	<i>Tuesday.</i> Carpenter Prize Speaking Competition.
APRIL 28.	<i>Saturday.</i> Last day for receiving essays submitted in competition for the Society of Colonial Dames Prize.
MAY 2.	<i>Wednesday.</i> Examination in Greek for the Foster Premium. Meeting of the Board of Fellows.
MAY 15.	<i>Tuesday.</i> Hicks Prize Debate.
MAY 16.	<i>Wednesday.</i> Examination in Latin for the Lucius Lyon Premiums.
MAY 26.	<i>Saturday.</i> Last day for receiving essays submitted in competition for the Class of 1873 Prize.
MAY 30.	<i>Wednesday.</i> MEMORIAL DAY. No University exercises.

JUNE 1.	<i>Friday.</i> Last day for examinations for the degree of Doctor of Philosophy.
JUNE 5-14.	<i>Tuesday to Thursday, inclusive.</i> Semester examinations.
JUNE 17.	<i>Sunday.</i> Baccalaureate Sermon, First Baptist Meeting House, 4.30 p. m.
JUNE 18.	<i>Monday.</i> Class Day.
JUNE 19.	<i>Tuesday.</i> Annual Meeting of the Phi Beta Kappa Society, Administration Building, 9.30 a. m. Meeting of the Board of Fellows. Annual Meeting of the Associated Alumni. Ivy Day, Pembroke Hall.
JUNE 20.	<i>Wednesday.</i> ONE HUNDRED AND FIFTY-FIFTH ANNUAL COMMENCEMENT (third Wednesday in June), First Baptist Meeting House, 10 a. m.
JUNE 21.	<i>Thursday.</i> Meeting of the Corporation.
JUNE 21 to SEPT. 25.	SUMMER VACATION.
SEPTEMBER 5.	<i>Wednesday.</i> Annual meeting of the Corporation (first Wednesday in September.)
SEPTEMBER 18-24.	<i>Tuesday to Monday, inclusive.</i> Examinations for admission to the Freshman class and to advanced standing.
SEPTEMBER 24, 25.	<i>Monday and Tuesday.</i> Registration of new students and enrolment of students previously in residence.
SEPTEMBER 26.	<i>Wednesday, 9 a. m.</i> ACADEMIC YEAR BEGINS (fourth Wednesday in September).

REGISTRATION

All undergraduates in residence, whether candidates for a degree or special students, must obtain at the Registrar's office registration cards, which must be filled out with a statement of the courses elected for the whole of the ensuing year and returned not later than June 1. Failure to comply with this rule will be treated as late registration and a fee of three dollars will be charged.

In filling out registration cards students must note carefully the requisites and the prerequisites for the various courses and the hours scheduled for the meeting of classes. They must also make sure that required courses are taken in accordance with the regulations printed on pages 32 to 36 of the Catalogue for 1921-1922.

All members of the *Class of 1924* who are candidates for the degree of Bachelor of Arts or Bachelor of Philosophy must file with their registration cards, concentration cards signed by the Committee on Educational Advice and Direction.

THE WOMEN'S COLLEGE IN BROWN UNIVERSITY

* COURSES OF INSTRUCTION

1922-1923

*For descriptions and conditions see The Catalogue of Brown University, for 1921-1922.

When semester courses are grouped in one paragraph (e.g. Biology 1, 2) they constitute a year course and neither semester may be elected independently unless specific statement to the contrary is made.

Courses marked by a † are given at the University; a limited number of undergraduate women who have high standing will be admitted to them. Applications must be made to the Dean.

ART

- 3, 4. General History of Art. Introductory course alternating with 1, 2. Professor Shapley. Mon., Wed., Fri., at 12.25. Either semester may be elected independently.
- 15*, 16*. Freehand Drawing. School of Design.
- 17*, 18*. Advanced Drawing. Mon., Tu., Wed., at 2. School of Design.
- 21, 22†. Art Seminary. Professor Shapley.
- 23, 24†. Journal Club. Professor Shapley.

BIBLICAL LITERATURE AND HISTORY

- 1, 2†. Elementary Hebrew. Dr. Bratcher.
- 11, 12†. Gospels and Epistles. Dr. Bratcher.
- 15, 16. Old Testament Literature and History. Professor Fowler. Elective for Sophomores, Juniors, and Seniors. Tu., Th., Sat., at 9.25.
- 21*, 22*†. Biblical Seminary. Subject for 1922-23: The Composition of the Synoptic Gospels—a critical examination of recent discussions. Professor Fowler. Mon. at 2.
- 27†. Origin and Growth of the Hebrew Religion. Dr. Bratcher. First semester. Tu., Th., Sat., at 10.25.
- 28†. Social Teachings of the Prophets and Jesus. Dr. Bratcher. Second semester. Tu., Th., Sat., at 10.25.
- 31, 32. The English Bible. Dr. Bratcher. Tu., Th., Sat., at 12.25.
- 13, 14†. Acts and Pauline Epistles. Professor Fowler.

BIOLOGY

- 1, 2. General Biology. Miss Wilder and Miss_____. Tu., Th., Sat., at 11.25.
- 3, 4. Comparative Anatomy of Vertebrates. Professor Walter. Tu., Th., Sat., at 11.25.
- 7, 8. Embryology and Histology. Professor Mead. Th., Fri., from 2 to 5.
- 12†. General Physiology. Professor Mitchell. First semester. Mon., Wed., Fri., at 11.25.
- 13, 14†. Chemical Physiology. Professor Mitchell. Tu., Th., Sat., at 10.25.
- 16. Bacteriology. Professor Gorham. Second semester. Tu., Th., Sat., at 10.25.
- 17, 18†. Advanced Bacteriology. Professor Gorham. Mon., Th., at 4.30.
- 21†. Genetics. Professor Walter. First semester.
- 23, 24†. Experimental Zoology. Dr. Wilson.
- 27, 28†. Advanced Bacteriology. Professor Gorham.
- 37, 38†. Bacteriological Research. Professor Gorham.

BOTANY

- 1, 2. General Botany. Professor Snell. Mon., Wed., Fri., at 10.25.
- 9†. Wood. Professor Snell. First semester.
- 10†. Trees. Professor Snell. Second semester.
- 11, 12†. Plant Physiology. Mr. Howard.
- 7, 8†. Botanical Research. Professor Snell.
- 15, 16†. Field Botany. Mr. Hylan.
- 21, 22†. Botanical Seminary. Professor Snell.

CHEMISTRY

- 1, 2. Descriptive Chemistry. Professor Davison and Mr. Hathaway. Mon., Wed., Fri., at 12.25.
- 3, 4†. Qualitative and Quantitative Analysis. Professor Arnold and Mr. Spear. 1st division, Tu. at 11.25; 2nd division, Fri. at 10.25.
- 53†. Qualitative Analysis. Professor Arnold and Mr. Spear. First semester. Mon., Wed., Fri., at 11.25.
- 54†. Organic Chemistry. Dr. Bigelow. Second semester. Mon., Wed., Fri., at 11.25.
- 5, 6†. Quantitative Analysis, Advanced Course. Professor Arnold and Mr. Spear. Mon., at 10.25.
- 7, 8†. Organic Chemistry. Professor Chambers and Dr. Bigelow. Mon., Wed., Fri., at 9.25.
- 12†. Organic Dyes. Second semester.
- 17, 18†. Physical Chemistry, Advanced Course.

- 19, 20†. Organic Chemistry, Advanced Course. Professor Chambers.
Mon., 2-4; Fri., 3-4.
- 21, 22†. Organic Preparations, Advanced Course. Professor Chambers
and Dr. Bigelow.
- 23, 24†. Inorganic Preparations. Professor Davison and Mr. Robinson.
- 32†. Industrial Analysis. Professor Arnold. Second semester.

ECONOMICS

- 1, 2. Elementary Economics.* Mr. Bancroft. Tu., Th., Sat., at 12.25.
Additional hours if necessary.
- 5, 6†. Money and Banking. Professor Gardner. Tu., Th., Sat., at 11.25.
- 7†. Labor Conditions and Problems. Mr. Burton. First semester.
Mon., Wed., Fri., at 11.25.
- 8†. Socialism and Allied Movements. Mr. Burton. Second semester.
Mon., Wed., Fri., at 11.25.
- 10†. Personnel Administration. Professor Hall and Mr. Burton. Second
semester. Prerequisites: Economics 3, 4, 7. Mon., Wed., Fri., at
11.25.
- 11, 12†. Public Finance and Financial History. Professor Gardner.
Tu., Th., Sat., at 12.25.
- 13†. Business Statistics. Professor Badger. First semester. Mon.,
Th., Fri., at 2.
- 14†. Foreign Trade and Transportation. Professor Badger. First
semester. Mon., Wed., Fri., at 9.25.
- 15†. Trade and Transportation in the United States. Professor Vaughan.
Second semester. Mon., Wed., Fri., at 9.25.
- 16†. Corporations and Corporation Finance. Professor Vaughan. First
semester. Mon., Wed., Fri., at 10.25.
- 17, 18†. Accounting (Elementary). Professor Adams.
- 19†. Accounting (Advanced). Professor Adams. First Semester.
Mon., Wed., Fri., at 11.25.
- 21†. Cost Accounting. Professor Adams. Second semester. Mon.,
Wed., Fri., at 11.25.
- 24†. Investments. Prerequisites: Economics 17, 18. Professor Badger.
Second semester. Mon., Wed., Fri., at 10.25.
- 25, 26†. Marketing. Professor Vaughan. Tu., Th., Sat., at 9.25.
- 28†. Sales Management and Advertising. Professor Badger. First
semester. Mon., Wed., Fri., at 12.25.
- 31†. Natural Resources and World Markets. Professor Field and Mr.
Bancroft. 32†. Outlines of Business Organization. Mr. Bancroft.
Mon., Wed., Fri., at 11.25.
- 29†. Problems in Factory Organization and Management. Prerequisites:
Economics 3, 4. Professor Hall. First semester.
- 30†. Business Research. Prerequisite: Economics 13. Professor Badger.
Second semester.
- 34†. Business Cycles and Forecasting. Prerequisite: Economics 13.
Professor Berridge. Second semester.

36†. Practical Banking and Foreign Exchange. Prerequisite: Economics 5, 6. Professor Gardner. Second semester.

*Candidates for the A.B. or Ph.B. degree are required to take in the Sophomore or Junior year either Economics 1, 2 or Social-Political Science

1. Advanced courses in Economics must be preceded by Economics 1, 2. This rule applies to the class of 1923 and to subsequent classes.

EDUCATION

2. Principles of Education; 4. Methods of Teaching. Professor Jacobs. Mon., Wed., Fri., at 9.25. Either semester may be elected independently.

3. Educational Psychology; 1. History of Education. Mr. Ekstrom. Mon., Wed., Fri., at 10.25. Either semester may be elected independently.

21†. Administration of Education, National and State, including "Rhode Island Education." Professor Jacobs.

22†. Administration of Education: Local School Control. Professor Jacobs.

5, 6†. Secondary Education. Professor Jacobs.

11, 12†. Experimental Education. Professor Colvin.

15, 16†. Seminary in Education. Professor Jacobs.

19, 20†. Experimental Education, Research Course. Professor Colvin.

ENGLISH

1. Rhetoric and Composition. Professor Hastings, Dr. Clough, Mr. Mason, and _____. First semester. 1st, 2nd, and 3rd divisions, Mon., Wed., Fri., at 9.25. 4th division, Tu., Th., Sat., at 9.25.

2. Rhetoric and Composition. Dr. Clough, Mr. Mason, and _____. Second semester. 1st and 2nd divisions, Mon., Wed., Fri., at 9.25. 3rd division, Tu., Th., Sat., at 9.25.

48. English Literature from the Beginning to 1700*. Messrs. _____, _____. Second semester. 1st division, Mon., Wed., Fri., at 9.25. 2nd division, Tu., Th., Sat., at 9.25.

50. Introduction to the Study of Literature*. Professor Potter and _____. Second semester. 1st division, Mon., Wed., Fri., at 9.25. 2nd division, Tu., Th., Sat., at 9.25.

49. English Literature from 1700 to 1900. Professor Potter and others. First semester. 1st and 2nd divisions, Mon., Wed., Fri., at 9.25. 3rd division, Tu., Th., Sat., at 9.25.

3, 4. English Composition. Second Course. Mr. _____. Hours to be arranged.

7, 8. Argumentation. Professor Huntington. Tu., Th., Sat., at 9.25.

11, 12. Public Speaking. Professor Crosby. Mon., Wed., Fri., at 10.25.

27, 28. Shakspeare. Professor Benedict. Mon., Wed., Fri., at 11.25.

31. Browning. Professor Hastings. First semester. Mon., Wed., Fri., at 10.25.

- 35†. English Literature from 1798 to 1832. Poetry. Professor Benedict. First semester. Tu., Th., Sat., at 11.25.
36. English Literature from 1798 to 1832. Prose. Professor Huntington. Second semester. Tu., Th., Sat., at 11.25.
- 39, 40. American Literature. Professor Bronson. Tu., Th., Sat., at 10.25.
- 15, 16†. Old English. Professor Benedict.
- 17, 18†. Chaucer. Professor Potter.
- 21, 22†. The Drama in England to 1642. Professor Potter.
- 43, 44†. Seminary in English Versification. Professor Benedict.

*Freshmen are required to take either 48 or 50. Those who have had a high-school course in the history of English Literature, with reading in the principal authors, are advised to take 50; others are advised to take 48.

‡May be taken instead of 49, in fulfilment of the requirement in English Literature.

GEOLOGY

1. Elementary Physical Geography. Professors Brown and Field. First semester. Mon., Wed., Fri., at 11.25.
2. Elementary Historical Geology. Professor Field. Second semester. Mon., Wed., Fri., at 11.25.
6. Principles of Economic Geography. Professor Brown. Second semester. Mon., Wed., Fri., at 11.25.
- 11, 12†. Research in Geology and Geography. Professors Brown and Field.
- 17, 18. Paleontology. Professor Field.

GERMANIC LANGUAGES AND LITERATURES

- 1, 2. Elementary German, First Year. Professor Crowell. Mon., Wed., Fri., at 9.25.
- 1A, 2A†. Elementary German. First year. Oral Practice. Professor Crowell. Mon., Th., Fri., at 4.00.
- 3, 4. Elementary German. Second year. Professor Mitchell. Tu., Th., Sat., at 9.25.
- 5, 6. Intermediate German. Professor Mitchell. Mon., Wed., Fri., at 9.25.
- 5A, 6A†. Oral Practice and Composition. Professor Mitchell. Tu., Th., Sat., at 11.25.
- 7, 8†. Advanced German. Professor Crowell. Tu., Th., Sat., at 10.25.
- 17, 18†. Lessing and Schiller. Professor Crowell. Tu., Th., Sat., at 11.25.
- 19, 20†. Introduction to Scientific Prose. Professor Crowell. Mon., Wed., Fri., at 10.25.
- 27, 28†. German Literature in the Nineteenth Century. Lectures in English. Professor Mitchell. Mon., Wed., Fri., at 11.25.

GREEK LITERATURE AND HISTORY

- A, B. Beginner's Course: Greek Grammar, Selections from Homer, Plato, etc. Professor Smith. Mon., Wed., Fri., at 10.25.
1. Homer and other Greek Poetry exclusive of the Drama. Professor Smith. First semester. Tu., Th., Sat., at 9.25.
 2. Plato and Lysias. Professor Allinson. Second semester. Tu., Th., Sat., at 9.25.
 3. Lucian and the Dramatic Poets. Professor Allinson. First semester. Hours to be arranged.
 4. The Historians. Professor Smith. Second semester. Hours to be arranged.
 7. The Drama and Plato. Professor Allinson. First semester. Hours to be arranged.
 10. The Iliad. Professor Smith. Second semester. Hours to be arranged.
 12. Greek Composition. Second semester. One hour. Professor Allinson. Hour to be arranged.
 15. Greek Civilization. Professor Allinson. Second semester. Tu., Th., Sat., at 12.25.
 - 17, 18†. Greek Seminary. Professors Allinson and Smith.

HISTORY

- 1, 2. History of Medieval and Modern Europe. 814-1919*. Professor Collier, Messrs. Botsford and Mann. Mon., Wed., Fri., at 11.25.
- 9, 10. Europe in the Nineteenth and Twentieth Centuries. Professor Collier. Tu., Th., Sat., at 9.25.
- 11, 12†. European History Seminary. Subject: Evolution of the British Theory of Empire. Admission only upon approval of the instructor. Professor Collier. 4 to 6; day at convenience of instructor and class.
- 21, 22. The United States under the Constitution*. Professor Crane. Mon., Wed., Fri., at 11.25.
- 31, 32†. Seminary in American History. Subject: The Maritime History of Rhode Island. Admission only upon approval of the instructor. Professor Crane. 4 to 6; day at convenience of instructor and class.

*Candidates for the A.B. or Ph.B. degree who have presented for admission Medieval and Modern European History, or English History, but not American History, must take 21, 22. Other students must take 1, 2.

MATHEMATICS*

- A. Elementary Algebra II. Miss Wiggin. First semester. Mon., Wed., Fri., at 10.25.
2. Trigonometry. Miss Wiggin. Second semester. Mon., Wed., Fri., at 10.25.

- 61, 62. Elementary Analysis. First year. Professors Archibald and Gilman; Messrs. Hickson and Fithian. Tu., Th., Sat., at 10.25.
1. Solid and Spherical Geometry. Dr. Borden. Second semester. Tu., Th., Sat., at 10.25.
3. Algebra. Professor Burgess. First semester. Tu., Th., Sat., at 10.25.
- 65, 66. Elementary Analysis. Second year. Professors Richardson and Gilman. Tu., Th., Sat., at 9.25.
- 7, 8. Analytic Geometry and Differential and Integral Calculus. Dr. Borden. Hours to be arranged.
- 9†. Differential Equations. Professor Burgess. First semester. Tu., Th., Sat., at 12.25.
- 27, 28†. Projective Geometry. Professor Archibald.
- 29, 30†. Introduction to Analysis. Professor Richardson.
- 41, 42†. Fundamental Problems of Algebra. Professor Gilman and Dr. Borden.
- 53†. Mathematical Theory of Investment. Professor Currier. First semester. Mon., Wed., Fri., at 10.25.
- 54†. Mathematical Theory of Statistics. Professor Burgess. Second semester.
- 56†. Theoretical Mechanics. Professor Burgess. Second semester. Tu., Th., Sat., at 12.25.

*Candidates presenting for admission Elementary Algebra I only, should take A and 2; those presenting also Elementary Algebra II, should take 61, 62; those presenting, in addition, Trigonometry, should take 3, 62.

MUSIC

- 5, 6. Harmony and Elementary Composition. Mr. Ware. Tu., Th., Sat., at 11.25.
- 3, 4. History and Appreciation of Music. Mr. Ware. Mon., Wed., Fri., at 11.25.

PHILOSOPHY

- 1, 2. Introduction to Philosophy. Professor Jones. Mon., Wed., Fri., at 11.25.
- 3, 34. Psychology. Professor Delabarre. Tu., Th., Sat., at 10.25.
- 14, 15. Personal and Monistic Idealism. Professor Jones.
- A second course: elective for students who have credit for one year of Philosophy. Mon., 3 to 5, or hours to be arranged.
- 5, 6†. Psychology, Intermediate Course. Professor Delabarre.
- 10†. Applications of Psychology. Professor Delabarre. Second semester. Tu., Th., Sat., at 9.25.
- 11, 12†. Experimental Psychology, Introductory Laboratory Course. Professor Delabarre.
- 7, 8†. History of Philosophy. Professor Everett. Tu., Th., Sat., at 10.25.
- 17, 18†. Psychology, Advanced Course. Professor Delabarre.

- 19, 20†. Experimental Psychology, Advanced Laboratory Course. Professor Delabarre.
 21, 22†. Seminary in Philosophy. Subject: Contemporary Philosophy. Professor Everett. Th., 3 to 5, or hours to be arranged.

PHYSICS*

- 27, 28†. Elementary Course. Mr. Cheney. Mon., Wed., Fri., at 10.25.
 29, 30†. Elementary Laboratory Course. Mr. Cheney.
 1, 2†. General Physics. Professor Palmer. Mon., Wed., Fri., at 9.25.
 3, 4†. Intermediate Course. Professor Barus. Tu., Th., Sat., at 10.25.
 5, 6†. Experimental Physics. Professor Palmer.
 11, 12†. Advanced Laboratory Course. Professors Barus and Palmer.
 15, 16†. Physics, Advanced Course. Professor Barus.
 23, 24†. Precision Measurements in Photometry, Electricity, and Magnetism. Professor Palmer.

*Students who intend to enter a Medical School should elect either 27, 28 and 29, 30 or 1, 2.

ROMAN LITERATURE AND HISTORY

- A, B. Virgil and Cicero. Miss Wildes. Hours to be arranged.
 1. Cicero's De Senectute, De Amicitia; Terence's Phormio. 2. Selections from Horace. Miss Wildes. 1st division, Mon., Th., Fri., at 2. 2nd division, Mon., Th., Fri., at 3.00.
 3. Selections from Pliny the Younger and Tacitus. 4. Plautus' Captivi, Trinummus, Rudens. Professor Harkness. Tu., Th., Sat., at 9.25.
 5, 6. Latin Poetry. Professor Harkness. Hours to be arranged.
 11, 12. Latin Composition. Professor Greene. Hours to be arranged.
 16. Roman Civilization. Professor Greene. First semester. Tu., Th., Sat., at 12.25.

ROMANCE LANGUAGES AND LITERATURES

- 1, 2. Elementary French. First Year. Mon., Wed., Fri., at 11.25.
 3, 4. Elementary French. Second year. Mon., Wed., Fri., at 9.25.
 5, 6. Intermediate French. Dr. Rand. Mon., Wed., Fri., at 12.25.
 7, 8. Advanced French. Professor Massey and Dr. Rand. 1st division, Tu., Th., Sat., at 10.25. 2nd and 3rd divisions, Tu., Th., Sat., at 12.25.
 9, 10. The Realistic School. Professor Hunkins. Tu., Th., Sat., at 10.25.
 23, 24. Practice in Writing and Speaking French. Professor Massey. Mon., Wed., Fri., at 10.25.
 1, 2. Elementary Italian. First year. Professor Cavicchia. Tu., Th., Sat., at 9.25.
 3, 4†. Elementary Italian. Second year. Professor Cavicchia. Tu., Th., Sat., at 12.25.
 1, 2. Elementary Spanish, First Year. Professor Johnson. Mon., Wed., Fri., at 12.25.

- 3, 4. Elementary Spanish. Second Year. Professor Johnson. Tu., Th., Sat., at 12.25.
- 5, 6†. Intermediate Spanish. Professor Johnson. Mon., Wed., Fri., at 10.25.
- 7, 8†. Advanced Spanish. Professor Johnson. Tu., Th., Sat., at 10.25.

SOCIAL AND POLITICAL SCIENCE

SOCIAL SCIENCE*

1. Social Science. Professor Dealey. Second semester. Tu., Th., Sat., at 12.25.
- 2, 3. Modern Social Problems. Professor Bucklin. Tu., Th., Sat., at 11.25.
- 5†. Social Institutions. Professor Bucklin. First semester. Mon., Th., 4.30 to 6.00.
- 7†. Sociology and Education. Professor Bucklin. Second semester. Mon., Th., 4.30 to 6.00.
- 10†. The Social Survey. Professor Bucklin. First semester. Mon., Wed., Fri., at 12.25.
- 13, 14†. Social Research, Investigation and Field Work. Professor Bucklin. Hours to be arranged.
- 15†. The Science of Sociology. 16†. Social Psychology. Professor Dealey. Mon., Wed., Fri., at 9.25.

POLITICAL SCIENCE*

1. Political Science. Professor Dealey. First semester. Tu., Th., Sat., at 12.25.
- 3, 4. Government and Politics of the United States. Mr. Goodrich. Tu., Thu., Sat., at 11.25.

*Candidates for the A.B. or Ph.B. degree are required to take in the Sophomore or Junior year either Economics, 1, 2 or Social-Political Science

1. Advanced courses in Social Science must be preceded by Social Science
1. Advanced courses in Political Science must be preceded by Political Science 1.

HYGIENE AND PHYSICAL EDUCATION

Nellie E. Bussell, A.M., *Director of Hygiene and Physical Education*;
Marjorie Brown and Katherine E. Colton, A.B., *Assistants in Hygiene and Physical Education*.

1. Freshman Course. In the fall and spring, sports. From Thanksgiving to the spring recess, practice in gymnastics, games and folk dances, and conferences in practical hygiene. Miss Brown and Miss Colton. Three hours. Through the year. Required of all Freshmen. 1st division, Mon., Th., Fri., at 3; 2nd division, Mon., Tu., Fri., at 4; 3rd division, Mon., Tu., Th., at 5; 4th division, Mon., Wed., Fri., at 11.25.
2. Sophomore Course. Similar to the Freshman course, but more advanced. Miss Bussell, Miss Brown, and Miss Colton. Three hours. Through the year. Required of all Sophomores. 1st division, Mon., Wed., Fri., at 12.25; 2nd division, Mon., Th., Fri., at 2; 3rd division, Tu., Th., Sat., at 11.25.

3. Junior Course. Similar to Courses 1 and 2. Miss Bussell, Miss Brown, and Miss Colton. Three hours. Through the year. Required of all Juniors. Tu., at 12.25 or at 3, and two other hours at the convenience of the student. Juniors must choose course 6, 7 or 8 for one of these hours.
4. Senior Course. Similar to Courses 1 and 2. Miss Bussell. Three hours. Through the year. Required of all Seniors. Tu., at 2, and two other hours at the convenience of the student.
5. Remedial Course. Special exercises for students in need of corrective gymnastics. May be substituted for course 1, 2, 3 or 4. Miss Brown and Miss Colton. Hours to be arranged with the instructors.
6. Dancing. Esthetic and interpretative technique and dances. Miss Bussell. One hour. Through the year. Elective for Seniors and Juniors. Th., at 4.
7. Advanced Gymnastics. Advanced practice in gymnastics and sports. Miss Brown. One hour. Through the year. Elective for Seniors and Juniors. Sat., at 9.25 and Sat., at 10.25.
8. Folk and clog dancing. Miss Bussell. One hour. Through the year. Elective for Seniors and Juniors. Th., at 12.25.

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